

Regeneration Module



- > The Regeneration module is an active shunt resistor designed to absorb excessive energy coming from the motor during motor deceleration or immediate stop.
- > This module monitors the drive supply continuously and in cases where the drive supply crosses the defined level (due to energy generated by the motor) a powerful resistor, which is connected in parallel to the drive supply, dissipates the excess energy.
- > When the drive supply is reduced below the defined level then the resistor disconnects from the drive supply.

Operational Specifications

		Description	Value	
Clamping voltage	On(v)		62V version	102V version
		min	61	101
		nominal	62	102
		max	63	103
	Hysteresis	350mV		
300W module	Resistance (Ω)	6.3		
	Dissipating capability (W)	300		

Environmental Specifications

Environment	Value
Temperature range Operating	0 to +50°C
Storage/Transportation	-25 to +70°C
Humidity (Non-condensing) Operating	35% to 85%
Storage/Transportation	5% to 95%
Weight [gram]	725
Dimensions [W x D x H - mm ³]	114 x 221x 113

Ordering Part Number

Description	Part Number	Remark
Regeneration for 62V 300W	REGEN-300W-62V	300 Watt
Regeneration for 102V 300W	REGEN-300W-102V	300 Watt